

Work Order ID 151955

Friday, October 14, 2016 1:56:00 PM

151955

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/27/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: **DAS 21** Date: **OCT 17 2016** Tooling: Date:
QC: **9-89** Date: SPC (Y/N): Date:

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.4000	C1	DEC 01 2016		DAS 6 9-89					

100 Document Control 0.00
100 DOCUMENT CONTROL
DC Memo 0.00
Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP 646.4001

DAS 28 9-89**DEC 14 2016**

110 Pick Kit 0.00
110 Packaging Memo 0.00
Packaging

DAS 6 27 9-89**NOV 30 2016**

120 QC4- 100% Inspect kits for completeness 0.00
120 QC Memo 0.00
Quality Control

DAS 28 9-89**DEC 14 2016**

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Page 2

Item ID: 646.4001 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: AS350 Cable Cutter System
Start Date: 10/20/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 10/27/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 646.4001								
	Location: <u>Fg101</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

DAS 28 9-89
DAS 27 9-89

DEC 14 2016

DAS 21 9-89

DEC 15 2016

MF
16-12-14

Picklist Print

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Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM
IPP REV:B 15.01.08 AS PER DWG REV.B DD VERF:JLM IPP
REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

600.0129

Purchased

No

100

f

248.0000

8

8

600 0129

VHB TAPE 75935A651

**

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK095

32

m127920

32

CCK096

216

m135867

216

600.0990

Purchased

No

100

Each

20.0000

1

1

600 0990

Magnabond 6398 Part A Size 112 ml

**

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

5/30/17

Location

Loc Qty

Loc Code

CA2

12

M135600

12

PKG

8

M134167

1

M134249

2

M135213

5

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Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

600.0991 Purchased No

100 Each 19.0000 1 1

600 0991

Magnabond 6398 Part B Size 112 ml

**

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

5/30/17

Location

Loc Qty

Loc Code

CA2

12

m135600

12

PKG

7

m134167

1

m134249

1

m135213

5

600.1012

Purchased No

100 Each 19.0000 1 1

600 1012

Sealant PR1425B2 (#654 sem)

**

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

up 12/2016

Location

Loc Qty

Loc Code

cck017

19

m135407

1

m135530

3

m135600

5

m135840

10

600.1013

Purchased No

100 Each 700.0000 5 5

600 1013

021200-3M TAPE PRIMER 94 PRIMER 24216

**

136345

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

DEC 01 2016

Location

Loc Qty

Loc Code

CCK095

700

m131145

700

6/15/2016

646.2910

Manufactured No

100 Each 3.0000 1 1

646 2910

Deflector

**

150611

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

NOV 30 2016

Location

Loc Qty

Loc Code

CCK050

3

149303

3

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3001
646 3001
Lower Cutter Assembly

Manufactured No

100 Each

3.0000

1 1 DAS 6 9-89

**

150481

NOV 3 0 2016

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

cck018

3

148591

3

646.3110
646 3110
Channel

Manufactured No

100 Each

9.0000

1 1 DAS 6 9-89

**

NOV 3 0 2016

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

cck020

9

141015

9

646.3210
646 3210
Support

Manufactured No

100 Each

4.0000

1 1 DAS 6 9-89

**

NOV 3 0 2016

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

cck020

4

142469

4

646.3301
646 3301
Upper Cutter Assy

Manufactured No

100 Each

3.0000

1 1 DAS 6 9-89

**

NOV 3 0 2016

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

cck018

3

150637

3

646.3510
646 3510
Strut

Manufactured No

100 Each

10.0000

1 1 DAS 6 9-89

**

NOV 3 0 2016

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

CCK108A

10

140979

10

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3511

Manufactured No

100

Each

10.0000

1

1

646 3511

Strut

**

DAS
6
9-89

NOV 30 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

cck104

2

141499

2

CCK108A

8

141499

8

646.3610

Manufactured No

100

Each

0.0000

1

1

646 3610

Filler

**

150485

DAS
6
9-89

DEC 01 2016

DAS
27
9-89

646.3710

Manufactured No

100

Each

10.0000

1

1

646 3710

Doubler

**

DAS
6
9-89

NOV 30 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK002

10

140753

10

646.3711

Manufactured No

100

Each

3.0000

1

1

646 3711

Clip

**

150685

DAS
6
9-89

DEC 01 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

cck104

3

142632

3

646.3712

Manufactured No

100

Each

5.0000

1

1

646 3712

Clip

**

DAS
6
9-89

DEC 01 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

cck104

5

140787

5

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3713

Manufactured No

100 Each

9.0000

1 1

646 3713

Gusset

DAS
28
9-89

Location

Loc Qty

Loc Code

cck105

9

140084

9

646.3714

Manufactured No

100 Each

3.0000

1 1

646 3714

Gusset

DAS
28
9-89

Location

Loc Qty

Loc Code

cck105

3

148235

3

646.3715

Manufactured No

100 Each

12.0000

2 2

646 3715

Strut Doubler

DAS
28
9-89

Location

Loc Qty

Loc Code

cck105

12

148568

12

646.3716

Manufactured No

100 Each

21.0000

1 1

646 3716

Gauge Bracket

DAS
28
9-89

Location

Loc Qty

Loc Code

cck105

21

140845

21

646.3717

Manufactured No

100 Each

8.0000

1 1

646 3717

Doubler

DAS
28
9-89

Location

Loc Qty

Loc Code

cck105

8

142634

8

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Work Order ID: 151955

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3718
646 3718
Custom Washer

Manufactured No

100 Each 11.0000 2 2

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

cck105

11

150389

11

646.3719
646 3719
Doubler

Manufactured No

100 Each 16.0000 2 2

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

cck105

16

148282

2

150288

7

150656

7

646.3810
646 3810
Bracket

Manufactured No

100 Each 10.0000 2 2

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK106

10

150304

5

150666

5

646.3811
646 3811
Radius Block

Manufactured No

100 Each 7.0000 1 1

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK106

7

148258

7

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Work Order ID: 151955

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3812

Manufactured No

100 Each

3.0000

2 2

646 3812

Gusset Bracket

**

150594

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK106

3

148240

3

DEC 01 2016

646.3813

Manufactured No

100 Each

7.0000

1 1

646 3813

Strut Bracket

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK106

7

148269

2

150242

5

646.3910

Manufactured No

100 Each

41.0000

4 4

646 3910

Shim

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK106

41

148261

6

150218

17

150627

18

646.3911

Manufactured No

100 Each

29.0000

1 1

646 3911

Shim

**

DEC 01 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

cck104

16

126229

16

CCK106

13

126059

13

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

646.3912

Manufactured No

100 Each

38.0000

4 4

646 3912

Shim

**

DEC 01 2016

DAS
6-27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK106

38

140238

2

149310

11

150715

25

646.3913

Manufactured No

100 Each

69.0000

1 1

646 3913

Shim

**

DEC 01 2016

DAS
6-27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK106

69

126060

69

646.9410

Manufactured No

100 Each

78.0000

1 1

646 9410

Shim

**

DEC 01 2016

DAS
6-27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

cck011

78

140671

78

647.0112

Manufactured No

100 Each

83.0000

2 2

647 0112

Strut Bracket

**

DEC 01 2016

DAS
6-27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK107

83

150114

42

150895

15

151352

26

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Work Order ID: 151955

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

647.7703

Manufactured No

100

Each

2.0000

2 2

647 7703

Strut Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK114

2

145013

2

**

15/420

DEC 01 2016

DAS

27

6

9-89

DAS

27

6

9-89

650.9201

Manufactured No

100

Each

0.0000

2 2

650 9201

Eyelet Bracket Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

over003

100

m135767

100

ST349

43

m135390

43

**

150359

DEC 01 2016

DAS

27

9-89

DAS

27

9-89

AN3-11A

Purchased No

100

Each

143.0000

10 10

AN3-11A

Bolt

DAS
28
9-89

AN3-12A

Purchased No

100

Each

219.0000

2 2

AN3-12A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

ST349

219

m133064

16

m135603

203

**

DEC 01 2016

DAS

27

6

9-89

DAS

27

6

9-89

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Work Order ID: 151955

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-13A

Purchased

No

100

Each

46.0000

1

1

AN3-13A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

GA
m127070
ST349
m134365

20
20
26
26

**

DEC 01 2016

DAS
6
9-89
DAS
27
9-89

AN316C4R

Purchased

No

100

Each

27.0000

2

2

AN316C4R

Nut, Jam

DAS
28
9-89

Location

Loc Qty

Loc Code

ST331
m133234
m135840

27
7
20

**

DEC 01 2016

DAS
6
9-89
DAS
27
9-89

AN3-3A

Purchased

No

100

Each

179.0000

4

4

AN3-3A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

over003
m135865
ST350
m135466
m135566
m135672

50
50
129
64
15
50

**

DEC 01 2016

DAS
6
9-89
DAS
27
9-89

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Page 11

Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-4A

Purchased

No

100

Each

306.0000

10

10

AN3-4A

Bolt

**

DAS
28
9-89

Location

Loc Qty

Loc Code

over003

250

m135704

250

ST350

56

m134955

56

DEC 0 1 2016

AN3-5A

Purchased

No

100

Each

280.0000

2

2

AN3-5A

Bolt

**

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

155

m134502

155

ST350

125

m135058

125

DEC 0 1 2016

AN3-6A

Purchased

No

100

Each

141.0000

2

2

AN3-6A

Bolt

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST349

141

M134955

141

DEC 0 1 2016

AN44-5A

Purchased

No

100

Each

21.0000

2

2

AN44-5A

Eyebolt

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST339

21

m135127

9

m135774

12

DEC 0 1 2016

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Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

AN4C7A

Purchased

No

100

Each

110.0000

2

2

**

DEC 0 1 2016

DAS
6
9-89
27
9-89

AN4C7A

BOLT

DAS
28
9-89

Location

Loc Qty

Loc Code

OVER002

70

m135864

70

ST345

40

m135470

40

2

AN665-34R

Purchased

No

100

Each

19.0000

2

2

**

DEC 0 1 2016

DAS
6
9-89
27
9-89

AN665-34R

Clevis

DAS
28
9-89

Location

Loc Qty

Loc Code

ST330

19

M135603

19

CCR264SS3-02

Purchased

No

100

Each

259.0000

36

36

**

DEC 0 1 2016

DAS
6
9-89
27
9-89

CCR264SS3-02

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST321

259

M135603

259

CR3213-5-3

Purchased

No

100

Each

204.0000

14

14

**

DEC 0 1 2016

AS
5
9-89
27
9-89

CR3213-5-3

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK003

100

m135865

100

ST319

104

m134142

4

m135408

100

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Work Order ID: 151955

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

MS20426AD5-7 Purchased No
MS20426AD5-7
RIVET

DAS
28
9-89

Location

Loc Qty

Loc Code

ST311

879

879.0000

2 2

**

DEC 01 2016 DAS 6 9-89 DAS 27 9-89

MS20470AD5-5.5 Purchased No
MS20470AD5-5 5
Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST309

838

838.0000

8 8

**

DEC 01 2016 DAS 6 9-89 DAS 27 9-89

MS20470AD5-6 Purchased No
MS20470AD5-6
RIVET

DAS
28
9-89

Location

Loc Qty

Loc Code

ST309

728

728.0000

8 8

**

DEC 01 2016 DAS 6 9-89 DAS 27 9-89

MS20470AD5-7 Purchased No
MS20470AD5-7
Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST309

419

419.0000

3 3

**

DEC 01 2016 DAS 6 9-89 DAS 27 9-89

MS21042-08 MS21042L08 Purchased No
MS21042-08
USE MS21042L08

DAS
28
9-89

Location

Loc Qty

Loc Code

ST309

419

0.0000

2 2

**

135748 DEC 01 2016

MS21042-3 MS21042L3 Purchased No
MS21042-3
Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

ST309

419

0.0000

2 2

**

135767 DAS 6 9-89 DAS 27 9-89

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Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

1,603.000

61

61

MS21042L3

Nut

**

DEC 01 2016

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

7

M130922

7

GA

225

m134360

108

m135135

117

OVER007

600

m135767

600

ST303

771

m135530

600

m135600

171

MS21042L4

Purchased

No

100

Each

2,548.000

2

2

MS21042L4

Nut

**

DEC 01 2016

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

34

m133363

34

GA

260

m135058

260

OVER007

1500

m135774

500

m135864

1000

ST303

754

m135603

254

m135704

500

Friday, October 14, 2016 1:56:00 PM

Shop Packet Print

Page 14

Picklist Print

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Page 15

Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

MS21047-3

Purchased

No

100

Each

153.0000

18

18

MS21047-3

Nut Plate

**

DEC 01 2016

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST301

153

m135603

63

m135774

90

MS24693-C278

Purchased

No

100

Each

45.0000

5

5

MS24693-C278

Screw

**

DEC 01 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST286

45

m135135

45

MS24694-S51

Purchased

No

100

Each

229.0000

5

5

MS24694-S51

Screw

**

DEC 01 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST284

229

m135442

229

MS24694-S54

Purchased

No

100

Each

23.0000

2

2

MS24694-S54

SCREW

**

DEC 01 2016

DAS
627
9-89

Location

Loc Qty

Loc Code

ST284

23

m135672

23

DAS
28
9-89

Picklist Print

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Page 16

Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

MS24694-S55

Purchased

No

100

Each

123.0000

3 3

MS24694-S55

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST283

123

m135408

18

m135766

105

MS27039-08-13

Purchased

No

100

Each

74.0000

2 2

MS27039-08-13

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST278

74

124326

74

MS27039-1-10

Purchased

No

100

Each

520.0000

2 2

MS27039-1-10

SCREW

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

12

m129541

12

over006

300

m135774

300

ST280

208

m135603

208

MS27039-1-12

Purchased

No

100

Each

88.0000

6 6

MS27039-1-12

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST280

88

m135566

88

Friday, October 14, 2016 1:56:00 PM

Shop Packet Print

Page 16

Picklist Print

Friday, October 14, 2016 1:56:00 PM

Page 17

Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-16

Purchased

No

100

Each

192.0000

24

24

MS27039-1-16

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

over006

100

m135865

100

ST280

92

m135566

92

DEC 01 2016

DAS
6
9-89

MS27039-1-19

Purchased

No

100

Each

199.0000

22

22

MS27039-1-19

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

82

m134134

82

ST280

117

m135774

117

DEC 01 2016

DAS
6
9-89

MS27039-1-20

Purchased

No

100

Each

75.0000

2

2

MS27039-1-20

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST280

75

124326

75

DEC 01 2016

DAS
6
9-89

MS27039-1-21

Purchased

No

100

Each

237.0000

4

4

MS27039-1-21

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST280

237

m127904

237

DEC 01 2016

DAS
27
9-89

Friday, October 14, 2016 1:56:00 PM

Shop Packet Print

Page 17

Picklist Print

Friday, October 14, 2016 1:56:00 PM

Page 18

Work Order ID: 151955

151955

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 10/20/2016

Required Date: 10/27/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

100

Each

1,384.000

144

144

NAS1149F0332P

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

282

m133709

282

ST262

1102

m135544

1102

**

135948

NOV 30 2016

DAS
6
9-89

DAS
27
9-89

NAS1149F0363P

Purchased

No

100

Each

232.0000

2

2

NAS1149F0363P

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST262

232

124555

232

**

NOV 30 2016

DAS
6
9-89

DAS
27
9-89

NAS1149F0432P

Purchased

No

100

Each

1,473.000

4

4

NAS1149F0432P

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M135704

1000

ST262

473

M134955

473

**

NOV 30 2016

DAS
6
9-89

DAS
27
9-89

NAS1149FN832P

Purchased

No

100

Each

2,265.000

4

4

NAS1149FN832P

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

1537

M133769

89

M135058

1448

ST263

728

M135603

728

**

NOV 30 2016

DAS
6
9-89

DAS
27
9-89

Friday, October 14, 2016 1:56:00 PM

Shop Packet Print

Page 18



APICAL INDUSTRIES, INC.
dba DART AEROSPACE

ENGINEERING CHANGE NOTICE NO.		05304		SHEET 1 OF 1						
DWG NO.	646.4000	REV:	C	PREPARED BY	J. BECKER	DATE:	02/04/16	EFFECT ON DWG ☐ INC. ☒ UNINC.		
DWG TITLE: AS350 CABLE CUTTERS KIT										
APPROVED BY:	ENGR. <i>[Signature]</i>	MFG	<i>[Signature]</i>	QC	<i>[Signature]</i>	EFF. NEXT ORDER				
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE								REASON: REVISED F/N 12.		ECR: N/A

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

151955 MLJ
16-10-17

SHEET 1, BOM IS:

12	R	601.1624	8	16	LOCKNUT	MS21042L3	
F/N	TC	PART NUMBER	4006	4005	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED	
☐ PATTERN ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☒ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO	

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NOTES:

1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2 INSTALL F/N 14 WITH F/N 52 & 53.

3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75925A651.

4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5 REUSE FASTENERS FROM F/N 1.

6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

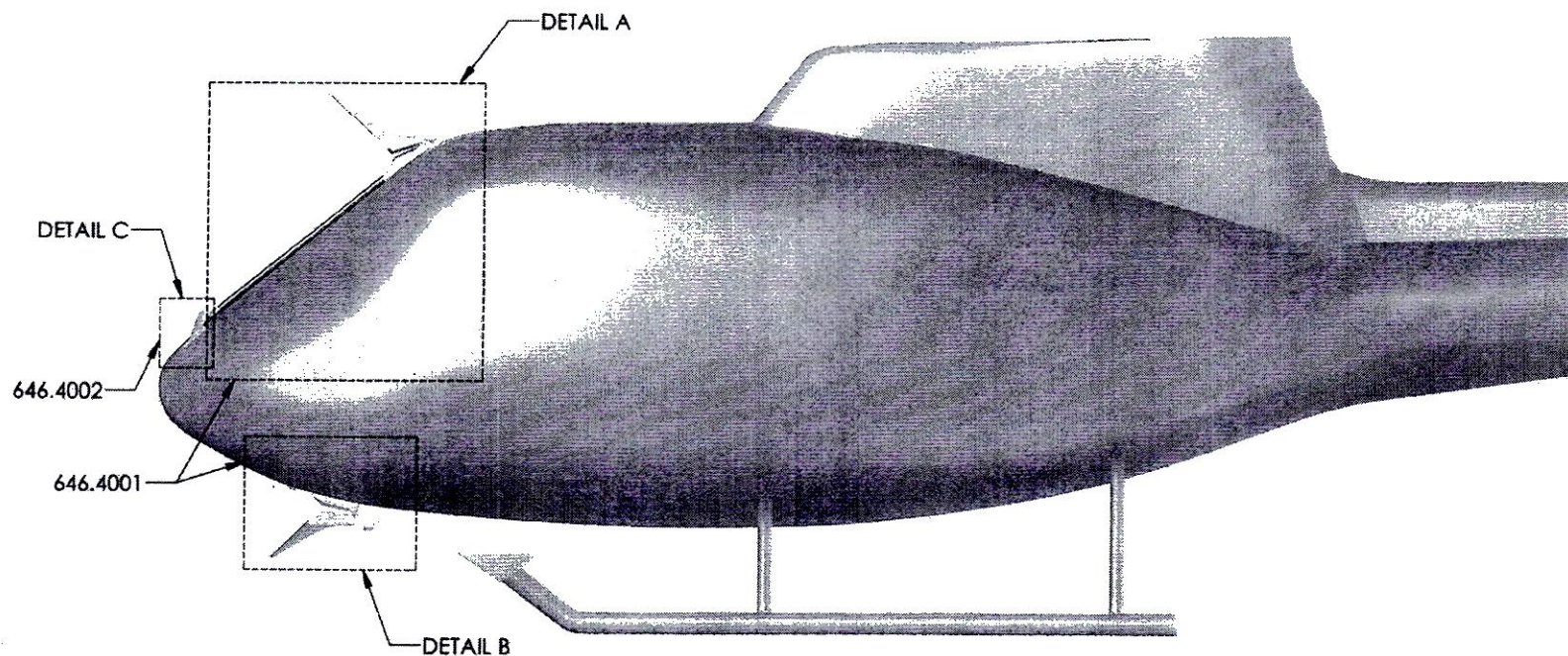
5	5	5	78	601.3875	SCREW	
1	1	1	77	646.9410	SHIM	
	4	4	76	601.2764	WASHER	
	2	2	75	601.2973	LOCKNUT	
	2	2	74	601.2988	SCREW	
	2	2	73	601.2943	LOCKNUT	
	2	2	72	601.3128	NUT	
	2	2	71	601.3209	LOCKNUT	
	4	4	70	601.2638	WASHER	
	2	2	69	601.2669	BOLT	
	2	2	68	601.3119	CLEVIS	
	2	2	67	601.3121	EYE BOLT	
	2	2	66	650.9201	EYE BRACKET ASSY	
REF	REF	REF	65	647.5701	GPS MOUNT KIT	
		2	64	601.3151	WASHER	
		2	63	601.2911	SCREW	
	24	24	62	601.2637	SCREW	
2	2	2	61	601.2763	BOLT	
	1	1	60	646.3913	SHIM	
	4	4	59	646.3912	SHIM	
	1	1	58	646.3911	SHIM	
	4	4	57	646.3910	SHIM	
	5	5	56	600.1013	PRIMER	
	8 FT	8 FT	55	600.0129	VHB TAPE	
	1	1	54	600.1012	SEALANT	
	1	1	53	600.0991	MAGNEBOND 6398 PART B	
	1	1	52	600.0990	MAGNEBOND 6398 PART A	
6	10	10	51	601.2826	BOLT	
			50	646.3814	WIPER BRACKET	
		2	49	601.2910	SCREW	
	2	2	48	601.1365	SCREW	
	2	2	47	646.3719	DOUBLER	
		2	46	646.3718	CUSTOM WASHER	
	1	1	45	646.3717	DOUBLER	
	22	22	44	601.1948	SCREW	
	2	2	43	601.1952	SCREW	
	4	4	42	601.1956	SCREW	
4006	4005	4004	4003	4002	4001	FIND #
						PART #
						DESCRIPTION
						MATL
						SPEC.

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 0251, 0261, 0271 & 0281	02/08/2010	P. BRAVO
B	INCORPORATED ECN 0291, 0301 & 0421	11/04/2014	P. BRAVO
C	INCORPORATED ECN 0291	09/04/2015	P. BRAVO

		2	2	41	601.2829	SCREW	MS24494554
		2	2	40	601.2831	RIVET	MS20470ADS-7
		1	1	39	646.3716	GAUGE BRACKET	
		6	6	38	601.1953	SCREW	MS27039-1-17
		2	2	37	646.3715	STRUT DOUBLER	
2	2	2	2	36	601.2824	BOLT	ANS-5A
12	36		36	35	601.2277	RIVET	DC92445-9-02
6	18		18	34	600.0795	NUTPLATE	MS21047-3
3	3		3	33	601.2565	RIVET	MS20470ADS-7
1	1		1	32	646.3813	STRUT BRACKET	
4	4		4	31	601.2822	BOLT	ANS-3A
2	2		2	30	646.3812	GUSSET BRACKET	
8	8		8	29	601.2564	RIVET	MS20470ADS-6
1	1		1	28	646.3714	GUSSET	
	1	1	1	27	646.3610	FILLER	
	3	3	3	26	601.2830	SCREW	MS24494555
	2	2	2	25	601.2825	BOLT	ANS-6A
	1	1	1	24	646.3811	RADIUS BLOCK	
	1	1	1	23	646.3712	CLIP	
	1	1	1	22	646.3711	CLIP	
8	8		8	21	601.2832	RIVET	MS20470ADS-5
14	14		14	20	601.2020	RIVET	CH3215-6-3
4	6	4	6	10	601.2823	BOLT	ANS-4A
	1	1	1	18	601.2827	BOLT	ANS-13A
	5	5	5	17	601.2912	SCREW	MS24494551
1	1		1	16	646.3713	GUSSET	
1	1		1	15	646.3210	SUPPORT	
	1		1	14	646.3710	DOUBLER	
	1	1	1	13	646.3110	CHANNEL	
14	10	8	53	6	601.1624	LOCKNUT	MS21042-3
16	32	18	120	16	601.1607	WASHER	MS11490032P
			1	10	646.3410	UH WIPER DEFLECTOR	
			1	9	646.3411	RH WIPER DEFLECTOR	
		2	2	8	647.7703	STRUT ASSY	
		2	2	7	647.0112	STRUT BRACKET	
	1	1	1	6	646.3511	STRUT	
	1	1	1	5	646.3510	STRUT	
2	2		2	4	646.3810	BRACKET	
			1	3	646.2910	DEFLECTOR	
	1	1	1	2	646.3001	LOWER CUTTER ASSY	
		1	1	1	646.3301	UPPER CUTTER ASSY	
X					646.4006	LOWER CUTTER FIXED PROVISIONS	
	X				646.4005	LOWER CUTTER REMOVABLE PROVISIONS	
		X			646.4004	FIXED PROVISIONS KIT	
			X		646.4003	CABLE CUTTERS KIT W/SHOULDER FIXED PROVISIONS	
				X	646.4002	AS350 WIPER DEFLECTOR KIT	
				X	646.4001	AS350 CABLE CUTTERS KIT	
4006	4005	4004	4003	4002	4001	FIND #	
						PART #	
						DESCRIPTION	
						MATL	
						SPEC.	

QTY		PARTS LIST	
NEXT ASSY (S)		3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300 DART AEROSPACE APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
DESIGNED BY: S. BRAVO CHECKED BY: S. BRAVO DATE: 08-27-08 DRAWING NO.: 07M26 CONTRACT NO.:		AS350 CABLE CUTTERS KIT REV: 07M26 DWG. NO.: 646.4000 SCALE: NONE SHEET: 1 OF 5	

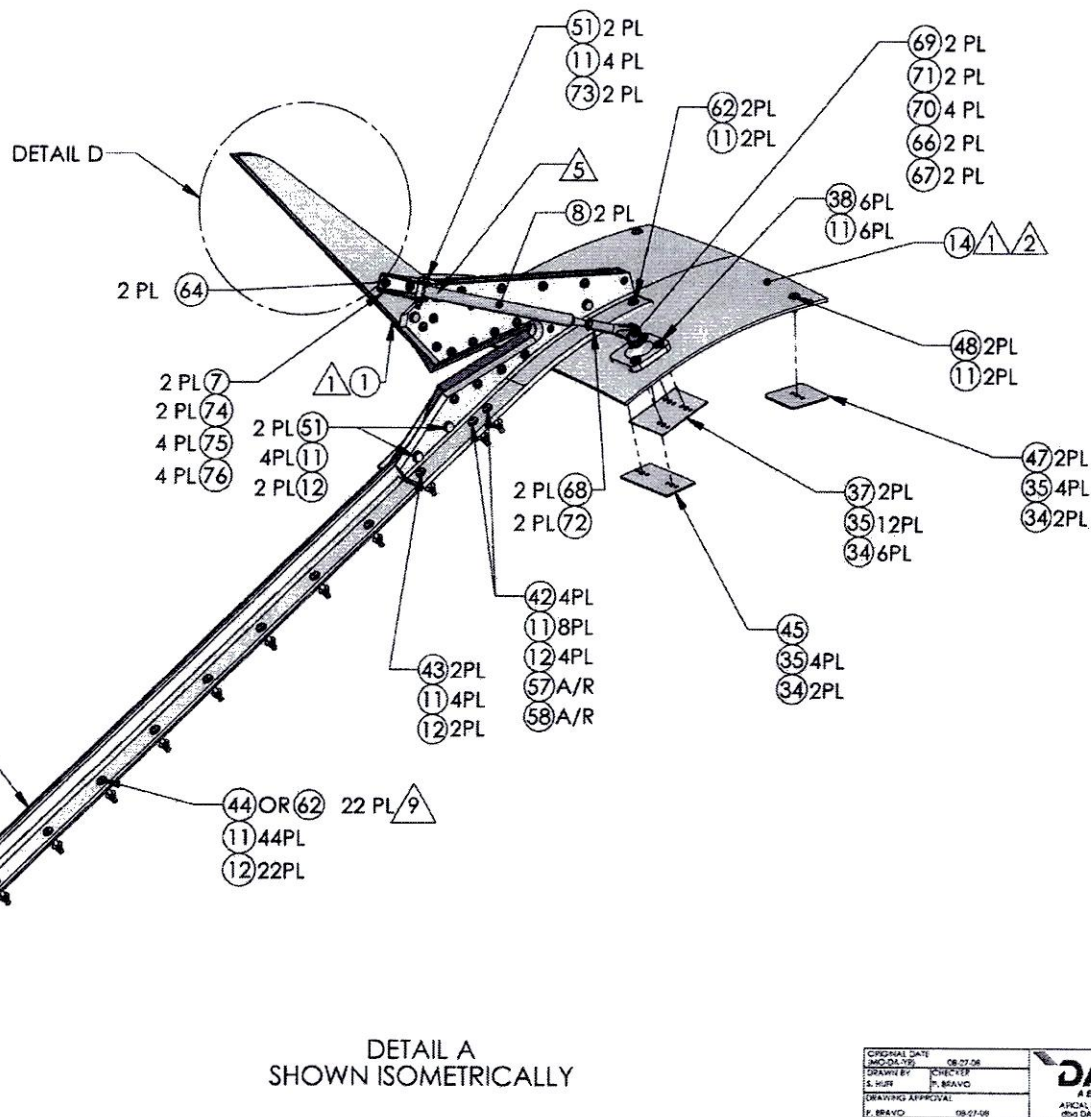
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES
DRA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE EXPRESS
WRITTEN PERMISSION OF APICAL INDUSTRIES DRA DART AEROSPACE IS PROHIBITED.



ORIGINAL DATE 08-07-08	 3030 ENTERPRISE CT SUITE A VISTA, CA 92081 (760) 724-5300		
DRAWN BY S. HURF	CHECKED BY P. BRAVO	APICAL INDUSTRIES INC. DRA DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 08-07-08	CHECKED BY P. BRAVO		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		REV B 07M26	REV C
SCALE NONE		SHEET 2 OF 5	

Diagram of the front of the instrument. It shows a rectangular component labeled REF 65 and a triangular component labeled REF 1. The REF 65 component has a '+' sign on its front face. The REF 1 component is a triangular plate mounted on the right side of the instrument.

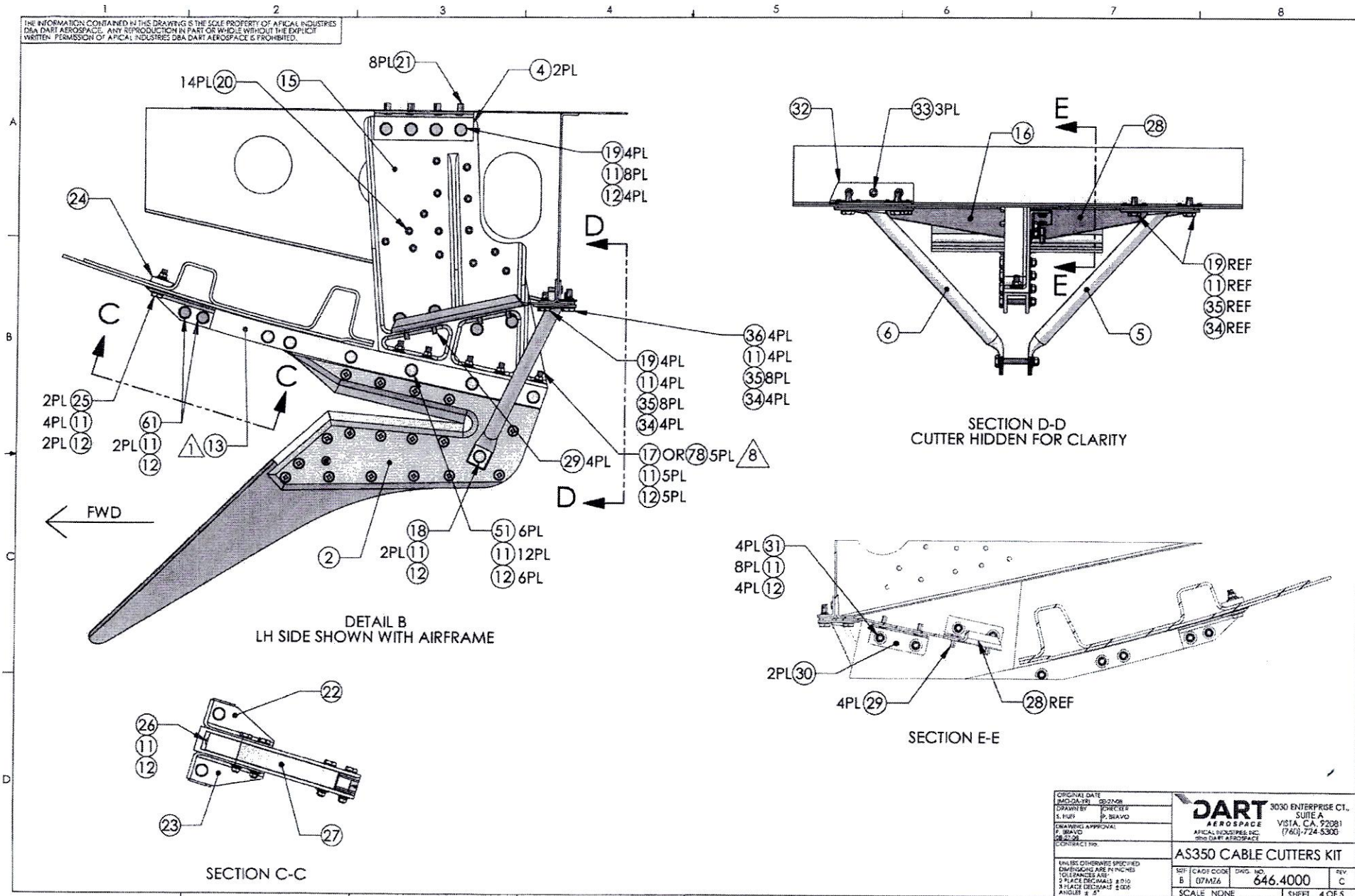
DETAIL D
TYPICAL GPS MOUNT KIT INSTALLATION



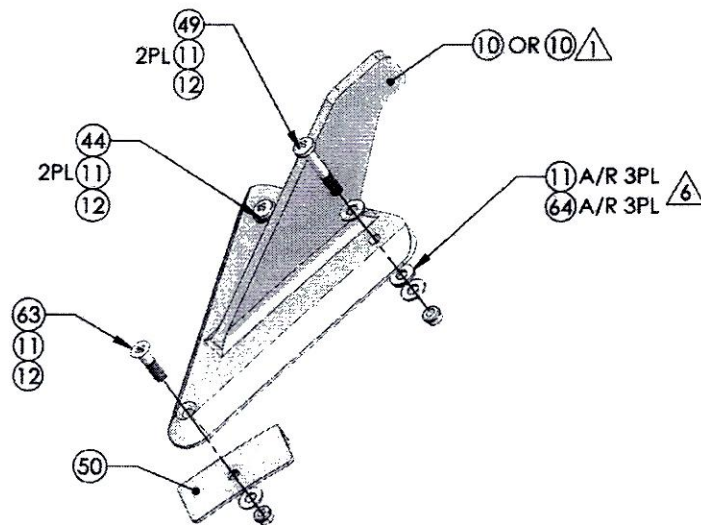
DETAIL A
SHOWN ISOMETRICALLY

ORIGINAL DATE (MM/DD/YY)	08-27-08	 DART AEROSPACE AIRCRAFT INSPECTION INC. 3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY	C. SIEFERT		
CHECKED BY	P. MARANO		
DRAWING APPROVAL			
P. MARANO	08-27-08		
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ± .5°			
AS350 CABLE CUTTERS KIT			
SUS	CAGE CODE B	DWG. NO. 07M26	REV 646.4000
SCALE NONE			SHEET 3 OF 3

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DIA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE EXPLICIT
WRITTEN PERMISSION OF APICAL INDUSTRIES DIA DART AEROSPACE IS PROHIBITED.



DETAIL C
LH SHOWN EXPLODED
RH OPPOSITE

ORIGINAL DATE 10-03-1991 08:27:08		DART 3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY S. HUNT		CHECKED P. BRAVO	
DRAWING APPROVAL P. BRAVO 08-07-91		APICAL INDUSTRIES, INC. DIA DART AEROSPACE	
CONTRACT NO.		AS350 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		REV. C	646.4000
SCALE NONE		SHEET 5 OF 5	

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- NOTES:
1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILET EDGES.
 2. INSTALL F/N 14 WITH F/N 52 & 53.
 3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 7593A651
 4. 3M TAPE PRIMER 94 APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.
 5. REUSE FASTENERS FROM F/N 1.
 6. USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.
 7. AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.
 8. INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.
 9. NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

QTY	4006	4005	4004	4003	4002	4001	4000	3999	3998	3997	3996	3995	3994	3993	3992	3991	3990	3989	3988	3987	3986	3985	3984	3983	3982	3981	3980	3979	3978	3977	3976	3975	3974	3973	3972	3971	3970	3969	3968	3967	3966	3965	3964	3963	3962	3961	3960	3959	3958	3957	3956	3955	3954	3953	3952	3951	3950	3949	3948	3947	3946	3945	3944	3943	3942	3941	3940	3939	3938	3937	3936	3935	3934	3933	3932	3931	3930	3929	3928	3927	3926	3925	3924	3923	3922	3921	3920	3919	3918	3917	3916	3915	3914	3913	3912	3911	3910	3909	3908	3907	3906	3905	3904	3903	3902	3901	3900	3899	3898	3897	3896	3895	3894	3893	3892	3891	3890	3889	3888	3887	3886	3885	3884	3883	3882	3881	3880	3879	3878	3877	3876	3875	3874	3873	3872	3871	3870	3869	3868	3867	3866	3865	3864	3863	3862	3861	3860	3859	3858	3857	3856	3855	3854	3853	3852	3851	3850	3849	3848	3847	3846	3845	3844	3843	3842	3841	3840	3839	3838	3837	3836	3835	3834	3833	3832	3831	3830	3829	3828	3827	3826	3825	3824	3823	3822	3821	3820	3819	3818	3817	3816	3815	3814	3813	3812	3811	3810	3809	3808	3807	3806	3805	3804	3803	3802	3801	3800	3799	3798	3797	3796	3795	3794	3793	3792	3791	3790	3789	3788	3787	3786	3785	3784	3783	3782	3781	3780	3779	3778	3777	3776	3775	3774	3773	3772	3771	3770	3769	3768	3767	3766	3765	3764	3763	3762	3761	3760	3759	3758	3757	3756	3755	3754	3753	3752	3751	3750	3749	3748	3747	3746	3745	3744	3743	3742	3741	3740	3739	3738	3737	3736	3735	3734	3733	3732	3731	3730	3729	3728	3727	3726	3725	3724	3723	3722	3721	3720	3719	3718	3717	3716	3715	3714	3713	3712	3711	3710	3709	3708	3707	3706	3705	3704	3703	3702	3701	3700	3699	3698	3697	3696	3695	3694	3693	3692	3691	3690	3689	3688	3687	3686	3685	3684	3683	3682	3681	3680	3679	3678	3677	3676	3675	3674	3673	3672	3671	3670	3669	3668	3667	3666	3665	3664	3663	3662	3661	3660	3659	3658	3657	3656	3655	3654	3653	3652	3651	3650	3649	3648	3647	3646	3645	3644	3643	3642	3641	3640	3639	3638	3637	3636	3635	3634	3633	3632	3631	3630	3629	3628	3627	3626	3625	3624	3623	3622	3621	3620	3619	3618	3617	3616	3615	3614	3613	3612	3611	3610	3609	3608	3607	3606	3605	3604	3603	3602	3601	3600	3599	3598	3597	3596	3595	3594	3593	3592	3591	3590	3589	3588	3587	3586	3585	3584	3583	3582	3581	3580	3579	3578	3577	3576	3575	3574	3573	3572	3571	3570	3569	3568	3567	3566	3565	3564	3563	3562	3561	3560	3559	3558	3557	3556	3555	3554	3553	3552	3551	3550	3549	3548	3547	3546	3545	3544	3543	3542	3541	3540	3539	3538	3537	3536	3535	3534	3533	3532	3531	3530	3529	3528	3527	3526	3525	3524	3523	3522	3521	3520	3519	3518	3517	3516	3515	3514	3513	3512	3511	3510	3509	3508	3507	3506	3505	3504	3503	3502	3501	3500	3499	3498	3497	3496	3495	3494	3493	3492	3491	3490	3489	3488	3487	3486	3485	3484	3483	3482	3481	3480	3479	3478	3477	3476	3475	3474	3473	3472	3471	3470	3469	3468	3467	3466	3465	3464	3463	3462	3461	3460	3459	3458	3457	3456	3455	3454	3453	3452	3451	3450	3449	3448	3447	3446	3445	3444	3443	3442	3441	3440	3439	3438	3437	3436	3435	3434	3433	3432	3431	3430	3429	3428	3427	3426	3425	3424	3423	3422	3421	3420	3419	3418	3417	3416	3415	3414	3413	3412	3411	3410	3409	3408	3407	3406	3405	3404	3403	3402	3401	3400	3399	3398	3397	3396	3395	3394	3393	3392	3391	3390	3389	3388	3387	3386	3385	3384	3383	3382	3381	3380	3379	3378	3377	3376	3375	3374	3373	3372	3371	3370	3369	3368	3367	3366	3365	3364	3363	3362	3361	3360	3359	3358	3357	3356	3355	3354	3353	3352	3351	3350	3349	3348	3347	3346	3345	3344	3343	3342	3341	3340	3339	3338	3337	3336	3335	3334	3333	3332	3331	3330	3329	3328	3327	3326	3325	3324	3323	3322	3321	3320	3319	3318	3317	3316	3315	3314	3313	3312	3311	3310	3309	3308	3307	3306	3305	3304	3303	3302	3301	3300	3299	3298	3297	3296	3295	3294	3293	3292	3291	3290	3289	3288	3287	3286	3285	3284	3283	3282	3281	3280	3279	3278	3277	3276	3275	3274	3273	3272	3271	3270	3269	3268	3267	3266	3265	3264	3263	3262	3261	3260	3259	3258	3257	3256	3255	3254	3253	3252	3251	3250	3249	3248	3247	3246	3245	3244	3243	3242	3241	3240	3239	3238	3237	3236	3235	3234	3233	3232	3231	3230	3229	3228	3227	3226	3225	3224	3223	3222	3221	3220	3219	3218	3217	3216	3215	3214	3213	3212	3211	3210	3209	3208	3207	3206	3205	3204	3203	3202	3201	3200	3199	3198	3197	3196	3195	3194	3193	3192	3191	3190	3189	3188	3187	3186	3185	3184	3183	3182	3181	3180	3179	3178	3177	3176	3175	3174	3173	3172	3171	3170	3169	3168	3167	3166	3165	3164	3163	3162	3161	3160	3159	3158	3157	3156	3155	3154	3153	3152	3151	3150	3149	3148	3147	3146	3145	3144	3143	3142	3141	3140	3139	3138	3137	3136	3135	3134	3133	3132	3131	3130	3129	3128	3127	3126	3125	3124	3123	3122	3121	3120	3119	3118	3117	3116	3115	3114	3113	3112	3111	3110	3109	3108	3107	3106	3105	3104	3103	3102	3101	3100	3099	3098	3097	3096	3095	3094	3093	3092	3091	3090	3089	3088	3087	3086	3085	3084	3083	3082	3081	3080	3079	3078	3077	3076	3075	3074	3073	3072	3071	3070	3069	3068	3067	3066	3065	3064	3063	3062	3061	3060	3059	3058	3057	3056	3055	3054	3053	3052	3051	3050	3049	3048	3047	3046	3045	3044	3043	3042	3041	3040	3039	3038	3037	3036	3035	3034	3033	3032	3031	3030	3029	3028	3027	3026	3025	3024	3023	3022	3021	3020	3019	3018	3017	3016	3015	3014	3013	3012	3011	3010	3009	3008	3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N900040100

Setup Start *NS1*

Stop ***NS2***

Start Date: 10/20/2016 **Start Qty:** 1.00 ***1***

Required Date: 10/27/2016 **Req'd Qty:** 1.00 ***1***

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

[illegible]